

Grade Five ~ Mathematics



August-September

- Draw conclusions and make predictions from models, tables, and line graphs
- Develop appropriate survey questions
- Collect data using surveys
- Construct and interpret tables, charts, graphs
- Solve problems by finding the next term or missing term in a pattern or function table
- Interpret and write a rule for a simple (one-operation) function table
- Model and solve simple equations
- Write expressions containing one variable (a letter representing an unknown quantity)
- Evaluate expressions containing one variable
- Perform whole number operations using addition, subtraction, multiplication, and division

October

- Model and describe quantities that change over time
- Find the mean, median, mode, and range of a set of data
- Use strategies to estimate the results of whole number computations
- Use geometric vocabulary to describe the location and plot points on a coordinate graph

November

- Identify and model polygons (closed geometric shapes made up of line segments)
- Identify and draw angles
- Estimate the measure of angles
- Model and identify congruent figures
- Predict and describe the results of sliding, flipping, and turning figures

December

- Solve problems involving elapsed time
- Draw and measure distance to the nearest centimeter and 1/4 inch
- Identify and select appropriate measurement units and tools
- Make conversions within the customary (standard) system of measurement
- Understand and use certain units of the metric system
- Use the appropriate units to describe perimeter, area, and volume
- Develop and use strategies to solve problems involving perimeter and area of rectangles
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January

- Use strategies to solve problems involving perimeter and area of rectangles
- Model the differences between covering the faces and filling the inside of cubes
- Model and identify parts of a circle
- Draw and identify 2-dimensional patterns for cubes

February

- Analyze the size of fractions
- Simplify fractions
- Convert between mixed numbers and improper fractions
- Add, subtract, multiply, and divide decimals
- Use models to develop an understanding of fractions, ratios, percents, and decimal place value
- Identify decimal and percent equivalents of certain fractions
- Use models to differentiate between perfect squares up to 100
- Identify and use properties
- Apply the order of operations
- Use divisibility rules to determine if a number is a factor of another number
- Use factors of numbers
- Solve 2-step problems using a variety of methods and tools

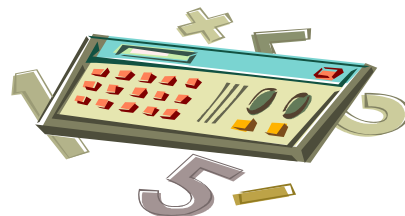
March/April

- Add, subtract, and multiply fractions
- Round and compare decimals to a given place value
- Identify and predict the probability of events
- Make predictions and justify conclusions using data
- List and explain all possible outcomes in a given situation
- Find equivalent forms of part to whole ratios
- Use ratio and proportion to solve problems

May-June

- Multiply tenths x hundredths
- Divide with whole number divisors
- Rename fractions greater than 1 as mixed numbers

(Each month continue to develop and reinforce previously learned skills)



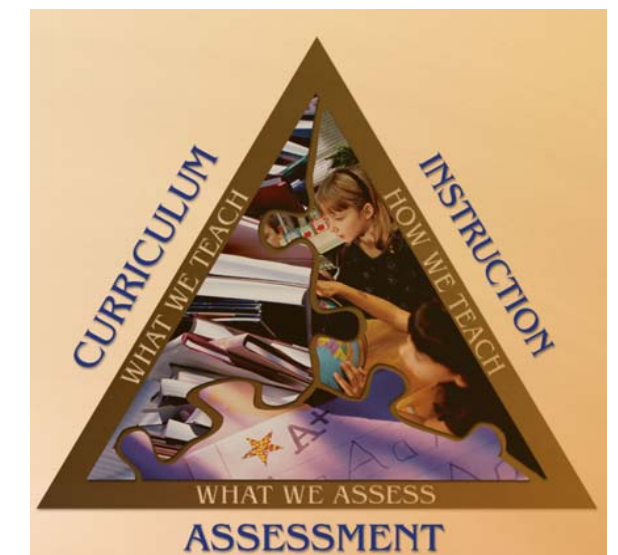
LITTLE ROCK SCHOOL DISTRICT

Grade Five

Month-by-Month

Reading & Mathematics

Curriculum Overview



Revised 2009-2010



The Little Rock School District is committed to preparing students for success throughout their school career and beyond. To reach this goal, we know that a strong foundation in both literacy and mathematics is most important.

This brochure is designed to help parents know what is being taught in both literacy and mathematics, and to help parents help students. On a month-by-month basis, this Parent Curriculum Brochure gives the curriculum that drives the instruction and describes what students are expected to know.

We welcome your involvement, advocacy, and participation in the educational process. As partners, we can help reach the goal of preparing students to be successful in all that they do.

Linda Watson, Ed. D.

Superintendent of Schools

Grade Five ~ Reading



August-September

- Add content words to sight vocabulary
- Generate questions to establish purpose for reading
- Generate questions relevant to text and topics
- Retell stories with detail
- Use graphic organizers to analyze information
- Read historical fiction, biography, and realistic fiction
- Monitor comprehension with questions
- Use background knowledge, predicting, and asking questions to set purpose for reading
- Read for a substantial time daily
- Vary reading strategies appropriate to text and purpose
- Make connections between reading and other subject areas
- Automatically decode words
- Continue to develop and maintain an adequate sight vocabulary while adding content words

October

- Skim material to develop a general overview and to locate specific information
- Read a variety of materials including newspapers, textbooks, magazines and other instructional materials
- Locate information to support opinions, predictions and conclusions
- Use summarizing and inference to determine essential information
- Use text features to locate and recall information
- Scan materials to locate specific information

November

- Evaluate a character's actions
- Evaluate personal, social, and political issues in a text
- Identify cause-effect relationships
- Identify problem-solution relationships
- Analyze reading for character, plot, and setting
- Compare and contrast the actions and motives of characters in fiction and their importance to the plot
- Identify similes, idioms, metaphors

December

- Read and use catalogs, schedules, and diagrams

January

- Use word origins including common roots and word parts from Greek and Latin to determine meaning and pronunciation of words
- Use context clues to select correct dictionary definition
- Use root words, suffixes, prefixes to determine meaning
- Make inferences supported by character's actions/words
- Compare-contrast the actions of characters and their importance to the plot

February-March

- Read a variety of material
- Identify main ideas and supporting evidence in short reading passages
- Use text structure to locate information
- Summarize information including main idea and details
- Identify main ideas and supporting evidence in short reading passages
- Monitor own comprehension
- Continue scanning and skimming skills
- Use prior knowledge, predicting, and questioning to establish purpose for reading



April-May-June

- Read texts that reflect different cultural contributions
- Describe the characteristics of rhymed and patterned poetry
- Read a variety of poetry
- Use resources to determine meaning of specialized vocabulary
- Distinguish among facts and inferences supported by evidence in text
- Connect own background knowledge and personal experience
- Read grade-level text orally at 128 words per minute
- Read grade-level text orally with accuracy and expression
- Explain information presented in graphic sources
- Develop notes to identify support, and paraphrase main topics
- Use research to create an oral, written, or visual presentation
- Generate questions for a specific topic for research
- Use features of reference materials to access information
- Locate information from a variety of sources including technology
- Create a formal topic outline of main ideas

(Each month continue to develop and reinforce previously learned skills)